8000H Series Door Closer

Regular Arm, Top Jamb Mount, & Parallel Arm Hold Open, with or without Delayed Action

Installation Instructions

⚠ WARNING

This product can expose you to lead which is known to the state of California to cause cancer and birth defects or other reproductive harm. For more information go to: www.P65warnings.ca.gov.

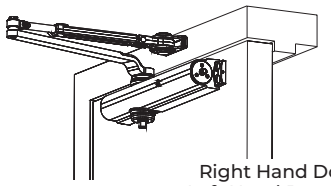
Hold Open Arm Models
8101H, 8301H, 8501H

Adjustable Power, Size 1-6

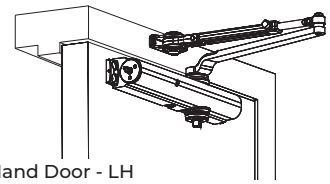
READ AND FOLLOW ALL INSTRUCTIONS.
SAVE THESE INSTRUCTIONS.

Ce produit peut vous exposer au plomb qui, dans l'état de la Californie, est reconnu pour causer le cancer, des anomalies congénitales ou d'autres problèmes de reproduction. Pour plus d'informations, visitez: www.P65warnings.ca.gov.

Regular Arm

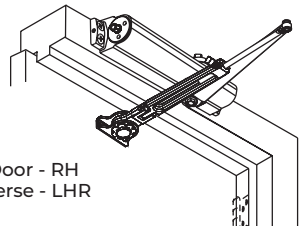


Right Hand Door - RH
Left Hand Reverse - LHR

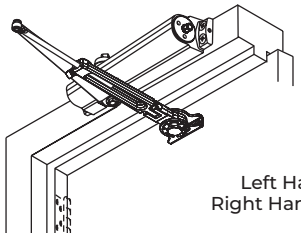


Left Hand Door - LH
Right Hand Reverse - RHR

Top Jamb Mount

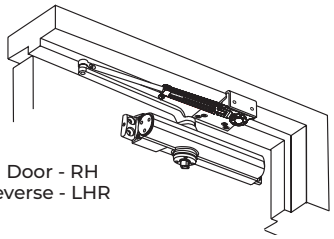


Right Hand Door - RH
Left Hand Reverse - LHR

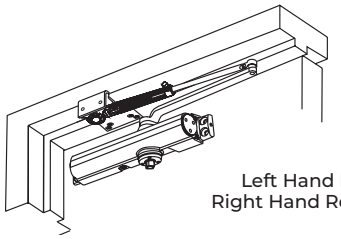


Left Hand Door - LH
Right Hand Reverse - RHR

Parallel Arm

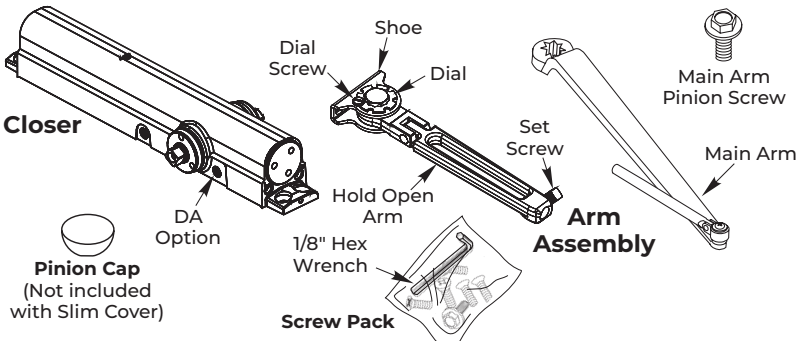


Right Hand Door - RH
Left Hand Reverse - LHR

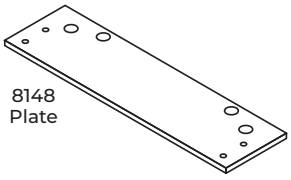


Left Hand Door - LH
Right Hand Reverse - RHR

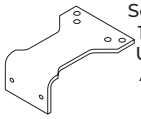
Included Components (See page 2 for mounting hardware)



Optional Plates

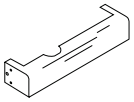


8148 Plate

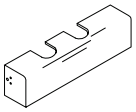


Soffit Adapter Plate
1628H Soffit Plate
Used with Parallel Arm Closers Only

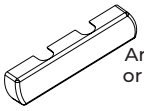
Covers



8200P/8200PG Slim Line for 8301

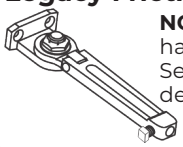


8400P/8400PG Standard, Plastic or 8400M Metal for 8501



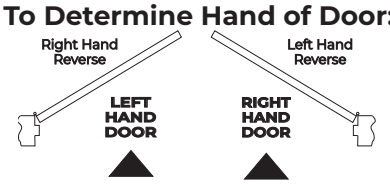
8400A/8400AG Architectural, Plastic or 8400MA, Metal for 8501

Legacy Friction Hold Open Arm

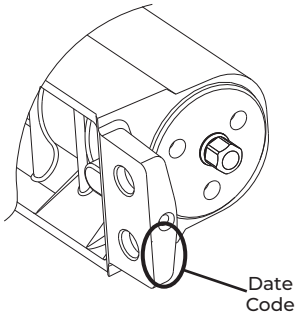


NOTE: Legacy FHO arm has installation orientation. See 80-9300-0003-000 for details

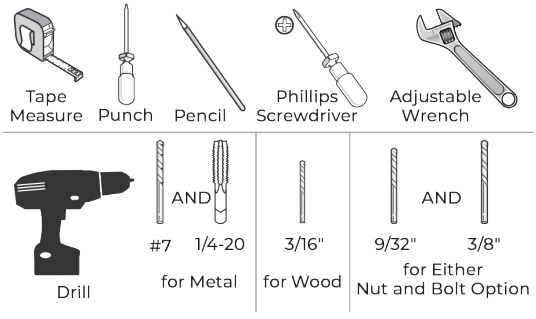
To Determine Hand of Door:



To Determine Date Code:



Tools Needed



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Approved 2026-07-08

Experience a safer and more open world

8000 Series Hold Open Door Closer

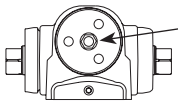
ATTENTION:
An incorrectly installed or improperly adjusted door closer can cause property damage or personal injury. These installation instructions should be followed to avoid the possibility of misapplication or misadjustment.

- "DA" suffix (Delayed Action) is an optional feature.
- For special applications, a separate door and frame preparation template is packed with these instructions. Use this instruction sheet for installation sequence and closer adjustments only.
- Doors should be hung on ball bearing or anti-friction hinges.
- A separate door stop is recommended.
- Always consult door/frame manufacturer for fastener compatibility.
- Door and frame must be properly reinforced.
- Adjust closing time speed between 3 and 7 seconds from 90° to 0°. Greater closing times may be required for elderly or handicapped.
- These door closers should NOT be installed on exposed side (weather side) of exterior doors.
- Dimensions are given in inches (millimeters).

Mounting Hardware		Door or Frame	Drill
	**Closer, H/O Shoe or Optional PA Bracket:** 1/4-14 x 1-1/2 Oval Flat Head Mach. Screw	Wood	3/16" (4.76mm)
	**Closer, H/O Shoe or Optional PA Bracket:** 1/4-20 x 3/4 Oval Flat Head Mach. Screw	Metal	Drill #7 (.201 dia. or 5.10mm) Tap 1/4-20
	**H/O Shoe to Optional PA Bracket:** 1/4-20 x 1/2 Oval Flat Head Mach. Screw		
	**Closer:** Sleeve Nut and Bolt (SNB) (standard with tri-pack closers)	Hollow Metal	9/32" (7.00mm) thru 3/8" (9.50mm) door face opposite to closer
		Aluminum or Wood	3/8" (9.50mm) thru
	**Closer:** Thru Bolt and Grommet Nut (TBGN) (optional)	All	9/32" (7.00mm) thru 3/8" (9.50mm) dia. x 3/8" (9.500mm) deep, door face opposite to closer

Closer Adjustments

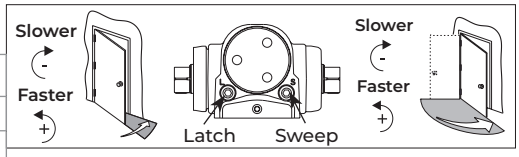
Use provided hex wrench to turn valves. NEVER force valves out of closer. NEVER completely close backcheck valve.

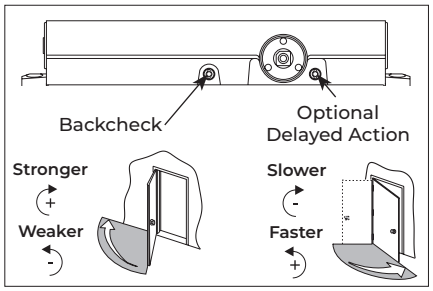


Door must be open to adjust spring closing power. Refer to chart. Do not use a power drill. Warranty will be void.

Spring Closer Power				Number of Turns Required			
	DOOR	Type of Installation	*	MAXIMUM DOOR SIZE			
				34" (86cm)	36" (91cm)	42" (107cm)	48" (122cm)
8101/8301/8501	INTERIOR	Regular Arm Top Jamb	Full 360° turns of 5/16 Power Adjustment Wrench	5	8	11	13
		Parallel Arm		7	10	13	16
	EXTERIOR	Regular Arm Top Jamb		7	10	13	16
		Parallel Arm		9	12	15	18

***Twenty (20) 360° Turns Maximum Available**
= Ten (10) turns as shipped

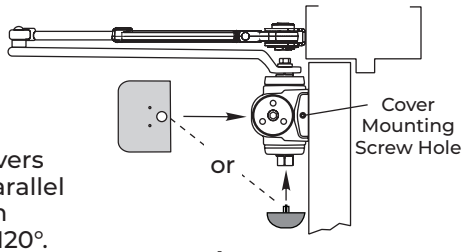




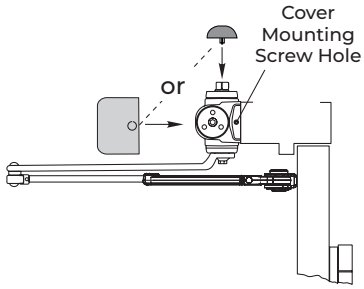
Pinion Cap and Cover

Do not over tighten cap or cover screws.

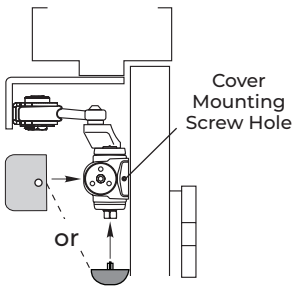
Architectural ("A") covers cannot be used on parallel mounted closers with doors swinging over 120°.



Regular Arm



Top Jamb Mount



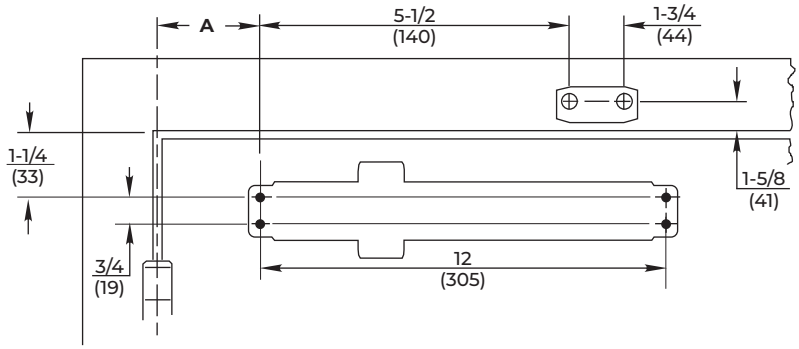
Parallel Arm

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8000H Regular Arm Installation (Right Hand Shown)

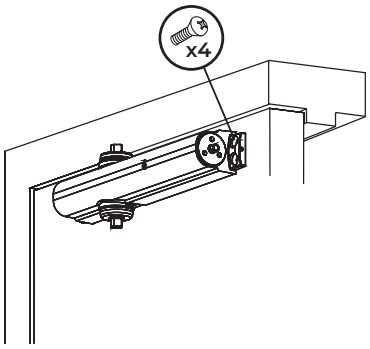
1. Prepare door and frame.



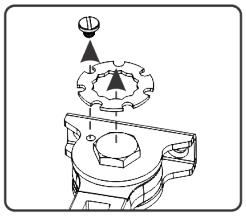
Opening	Dimension "A" Inches (mm)
to 100°	7-1/2 (191)
101° to 130°	6 (152)
131° to *180°	4-1/2 (114)

*Door/Wall/Hardware/Jamb Conditions permitting

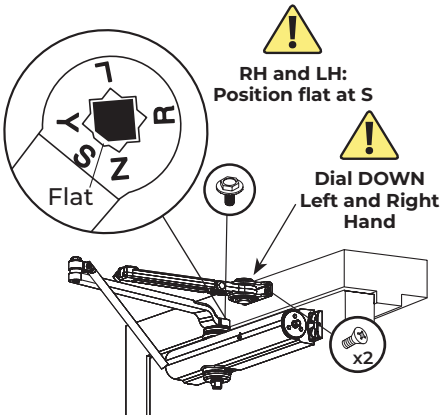
2. Mount closer to door.



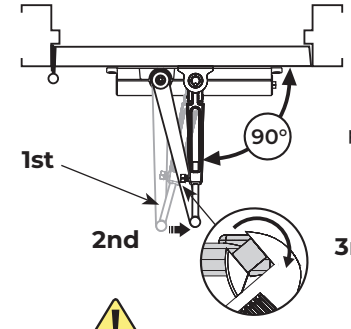
3a. Remove dial from Hold Open arm.



3b. Install separate arms.



4. Connect arms, preload spring and tighten set screw.

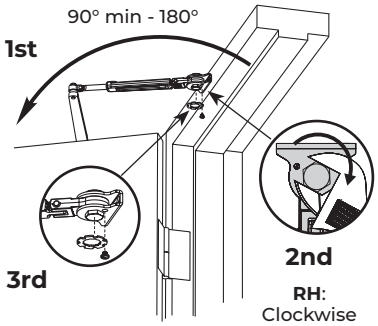


Rotating arm preloads closer spring power.

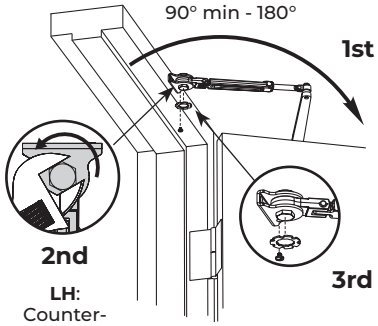
Rotate elbow until Hold Open arm is perpendicular to frame.

5. Set Hold Open.

Keep door open in position until dial screw secures dial.



RH: Clockwise to tighten.



LH: Counter-clockwise to tighten.

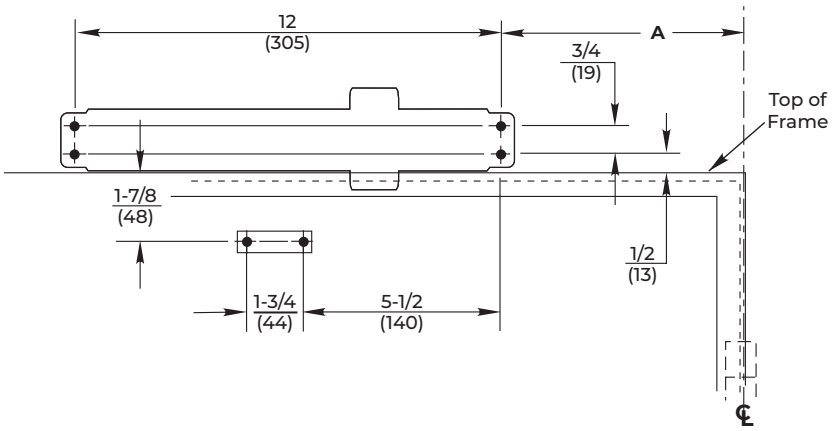
The **8000 Hold Open Closer - Regular Arm** has now been installed.

Go to page 2 for closer adjustments and decorative cap or cover installation.

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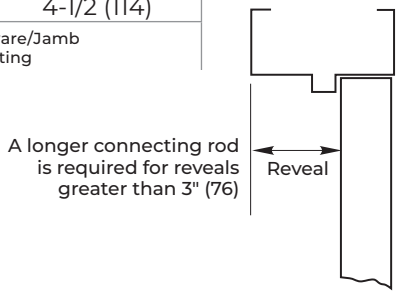
8000H Top Jamb Mount Installation (Right Hand Shown)

1. Prepare door and frame.

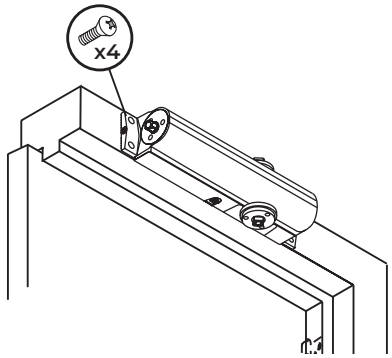


Opening	Dimension "A" Inches (mm)
to 100°	7-1/2 (191)
101° to 130°	6 (152)
131° to *180°	4-1/2 (114)

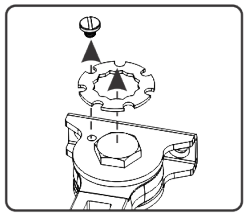
*Door/Wall/Hardware/Jamb Conditions permitting



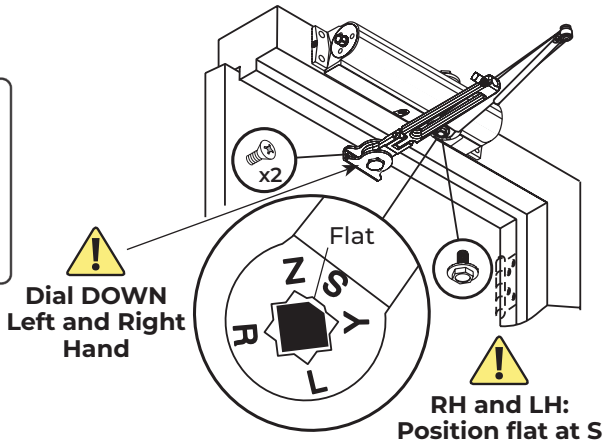
2. Mount closer to frame.



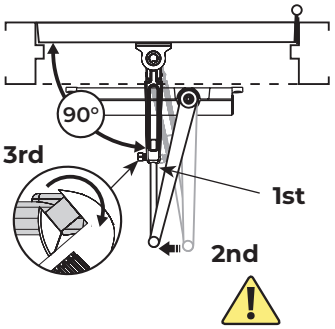
3a. Remove dial from Hold Open arm.



3b. Install separate arms.



4. Connect arms, preload spring and tighten set screw.

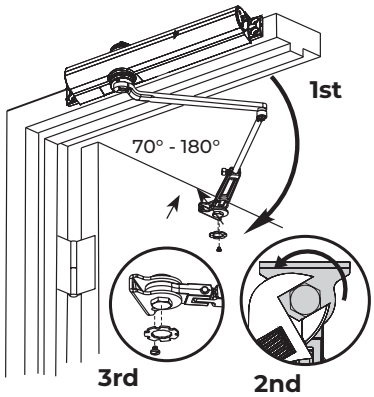


Rotating arm preloads closer spring power.

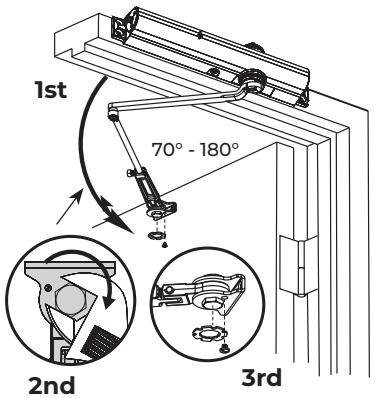
Rotate elbow until Hold Open arm is perpendicular to frame.

5. Set Hold Open.

Keep door open in position until dial screw secures dial.



LH: Counter-clockwise to tighten.



RH: Clockwise to tighten.

The **8000 Hold Open Closer - Top Jamb Mount** has now been installed.

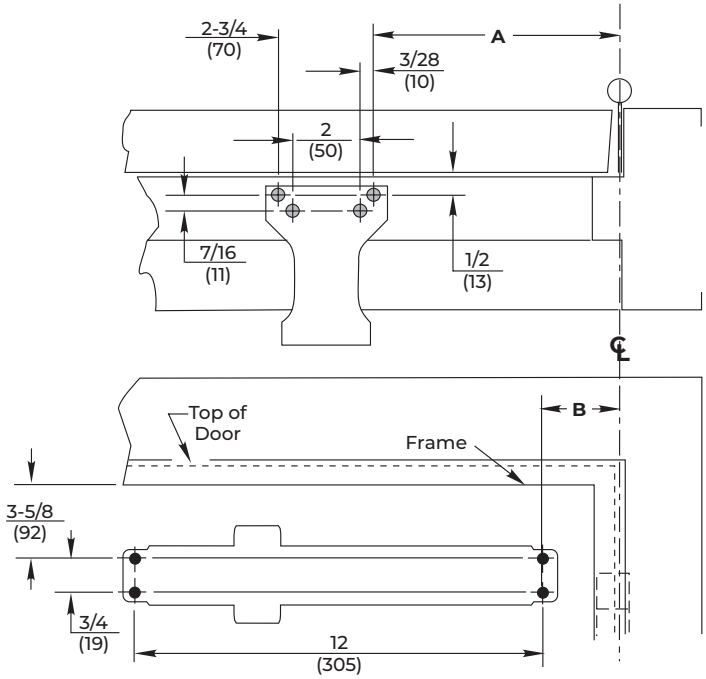
Go to page 2 for closer adjustments and decorative cap or cover installation.

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8000H Parallel Arm Installation (Right Hand Shown)

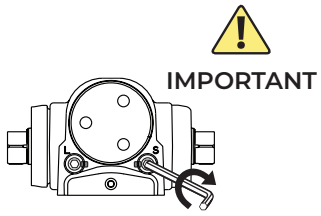
1. Prepare door and frame.



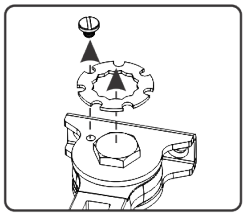
Door Opening	A ⌖	B ⌖
	Inches (mm)	
to 120°	9-1/2 (241)	3-3/4 (95)
121° to 180° *	7 (178)	1-1/4 (32)

*Door/Frame/Hardware/Wall Conditions permitting

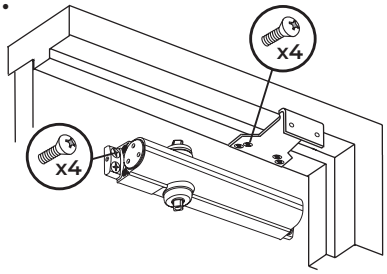
2. Close latch and sweep valves.



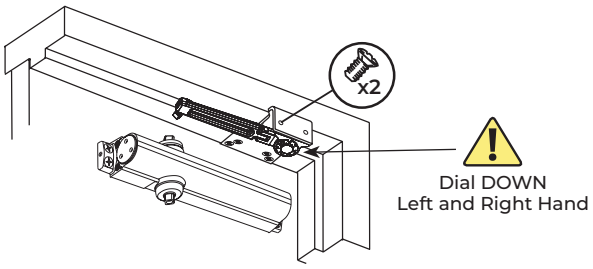
3. Remove dial from Hold Open arm.



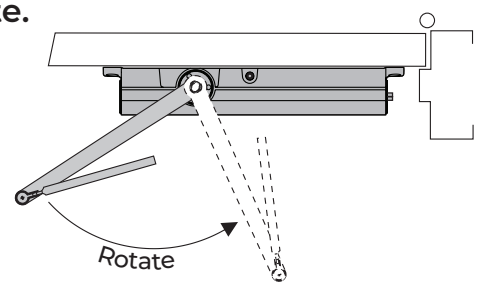
4. Install soffit plate and mount closer.



5. Install Hold Open arm to plate.



6. Place main arm on closer spindle and rotate.



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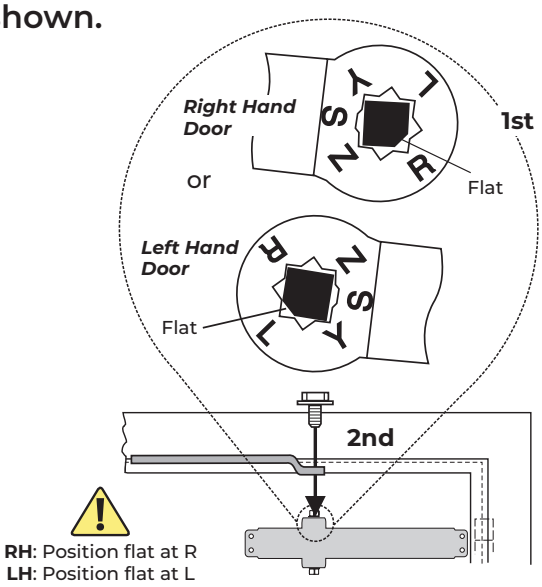
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NORTON RIXSON

ASSA ABLOY

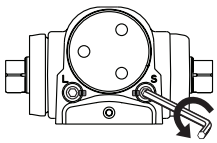
8000H Parallel Arm Installation (Right Hand Shown) - cont.

7. Remove arm and attach as shown.

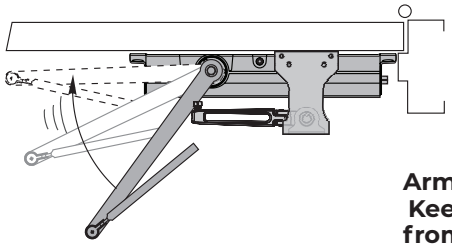


RH: Position flat at R
LH: Position flat at L

8. Open latch and sweep valves.

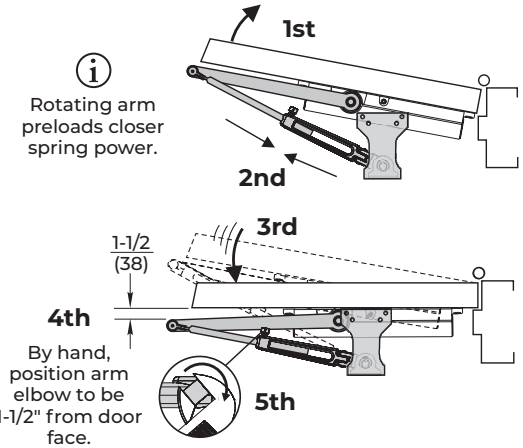


Do not completely open valves. Valves will leak.



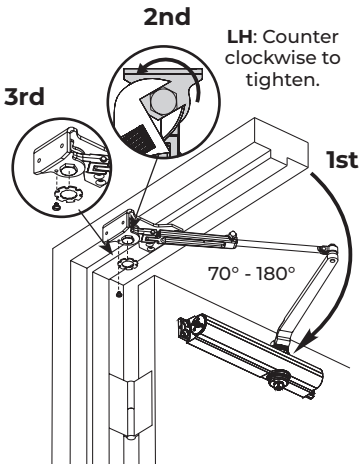
Arm under tension. Keep fingers away from moving parts.

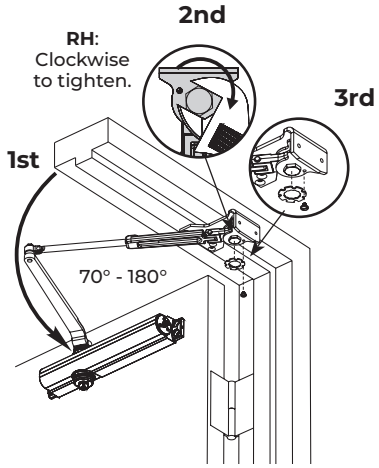
9. Connect arms, preload spring and tighten set screw.



10. Set Hold Open.

Keep door open in position until dial screw secures dial.





The **8000 Hold Open Closer - Parallel Arm** has now been installed.

Go to page 2 for closer adjustments and decorative cap or cover installation.

Technical Product Support:
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